



PATENT  
P57026

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

JI-SOOK KIM, *et al.*

Serial No.: 10/775,249

Examiner: KWASI KARIKARI

Filed: 11 February 2004

Art Unit: 2617

For: METHOD FOR OPERATING WIRED AND WIRELESS PHONE SERVICES  
INTERCONNECTIVELY

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §1.56, and §§1.97 and 1.98 as amended, Applicant cites, describes, and provides copies of the following art references. Under 37 C.F.R. §1.98(a)(2) however, copies of U.S. patent reference(s) are not provided.

**FOREIGN PATENT REFERENCE:**

- Japanese Patent Publication No. 9-37314 to Hamada, entitled *PRIVATE BRANCH EXCHANGE*, published on 7 February 1997 (with English abstract).
- Japanese Patent Publication No. 8-265812 to Mitsuo, entitled *TELEPHONE EXCHANGE*, published on 11 October 1996 (with English abstract) [Previously cited in the Information Disclosure Statement filed on 7 March 2007.]

**OTHER DOCUMENTS:**

- Japanese Office Action corresponding to Japanese Patent Application No. 2004-071695, issued on 11 October 2005.



PATENT  
P57026

### DISCUSSION

According to the Japanese Office Action issued on 11 October 2005, corresponding the Japanese Patent Application No. 2004-071695, **Hamada, JP'314** discusses that the private branch exchange 100 in the private branch radio exchange system connects a PHS terminal 102 capable of executing an independent communication in the private branch and public communication outside the branch and a local radio base station 101 to be connected by the independent communication to an extension and stores the line of a public network 10 in a line wire. Since a position registration management block 226 for managing the position registration state of the terminal 102 and a transferred destination number management block 227 for storing the telephone number of transferred line wire are included in the exchange 100, the exchange 100 retrieves its own block 226 when incoming to a radio communication terminal is generated, and when its corresponding position is registered, connects the incoming through the base station 101 connected to the extension. When there is no registration, the exchange 100 retrieves its own block 227 and transfers the incoming to the telephone number of the corresponding transferred line wire, so that the accuracy of connection of incoming can be improved.

**Mitsuo, JP'812** relates that a wired port physical number is registered in relation to a radio port physical number and wired telephone sets 006a, 006b,... and radio telephone sets 008a, 008b,... which are different extensions usually are dealt with as if they were master-slave telephone sets. Thus, when two sets of the radio and wired telephone sets are used by one person, a transfer of a call from a wired telephone set to a radio telephone set is attained and when the wired telephone sets 006a, 006b,... are located on desk and the radio telephone sets 008a, 008b,..., are carried, the radio telephone sets 008a, 008b,... are carried up to a remote location. Furthermore, two telephone sets are used as if they were in parallel connection and a call between an external line and the radio telephone sets 008a, 008b,... is transferred to the wired telephone sets 006a, 006b,....

The citation of the foregoing references is not intended to constitute an assertion that other or more relevant art does not exist. Accordingly, the Examiner is requested to make a wide-ranging and thorough search of the relevant art.

Pursuant to 37 C.F.R. §1.97(c)(2), the fee set forth under 37 C.F.R. §1.17(p) of \$180.00 accompanies this Information Disclosure Statement. Should the check become lost, be deficient in payment, or should other fees be incurred, the Commissioner is authorized to charge Deposit Account No. 02-4943 of Applicant's undersigned attorney in the amount of such fees.

Respectfully submitted,



Robert E. Bushnell  
Reg. No.: 27,774  
Attorney for the Applicant

1522 "K" Street, N.W., Suite 300  
Washington, D.C. 20005  
Area Code: (202) 408-9040  
Folio: P57026  
Date: 3/20/07  
I.D.: REB/nm

# INFORMATION DISCLOSURE STATEMENT

OPTO-1449 (PAGE 1 OF 1)

MAR 20 2007

SERIAL NUMBER 10/775,249

DOCKET NO. P57026

APPLICANT JI-SOOK KIM, *et al.*

FILING DATE 11 February 2004

GROUP 2617

## U.S. PATENT DOCUMENTS

EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE

## FOREIGN PATENT DOCUMENTS

## TRANSLATION

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	JP 9-37314	02/1997	JAPAN			Abstract	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	Japanese Office Action corresponding to Japanese Patent Application No. 2004-071695, issued on 11 October 2005.

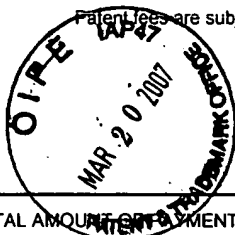
EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

# FEE TRANSMITTAL

Patent Fees are subject to annual revision.



## Complete If Known

Application Number	10/775,249
Filing Date	11 February 2004
First Named Inventor	JI-SOOK KIM, <i>et al.</i>
Examiner Name	KWASI KARIKARI
Group/Art Unit	2617
Attorney Docket No.	P57026

TOTAL AMOUNT OF PAYMENT

(\$ **180.00**)

## METHOD OF PAYMENT (check one)

### 1. Payment Enclosed:

(CHECK #52260)

☒ Check ☐ Credit Card ☐ Money Order  
☐ Other

☐ Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17.

☐ Applicant claims small entity status. See 37 CFR 1.27

2. The Commissioner is hereby authorized to charge any deficiency and credit any over payments to:

Deposit Account Number: **02-4943**

## FEE CALCULATION

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
<b>EXTENSION OF TIME FEES</b>					
1251	120	2251	60	Extension for reply within first month	\$
1252	450	2252	225	Extension for reply within second month	\$
1253	1020	2253	510	Extension for reply within third month	\$
1254	1590	2254	795	Extension for reply within fourth month	\$
1255	2160	2255	1080	Extension for reply within fifth month	\$
<b>APPEAL</b>					
1401	500	2401	250	Notice of Appeal	\$
1402	500	2402	250	Filing a brief in support of an appeal	\$
1403	1000	2403	500	Request for oral hearing	\$
<b>CLAIMS</b>					
1201	200	2201	100	Independent claims in excess of 3	\$
1202	50	2202	25	claims in excess of 20	\$
Other Fee (specify) _____					\$
Other Fee (specify) _____					\$
Other Fee (specify) _____					\$

**SUBTOTAL: LEFT COLUMN \$ 0.00**

## FEE CALCULATION

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
<b>MISCELLANEOUS</b>					
1801	\$790	2801	\$395	Request for continued examination (RCE)	\$
1806	\$180			Submission of an IDS	\$ 180.00
1814	\$130	2814	\$65	Statutory disclaimer	\$
8021	\$40			Recordation of assignment per property	\$
<b>TRADEMARK</b>					
6001/7001			\$335	Application for registration, per class	\$
6002/7002			\$100	Amendment to Allege Use, per class	\$
6003/7003			\$100	Statement of Use, per class	\$
6004/7004			\$150	Request for six-month extension of time, per class	\$
6205/7205			\$100	\$8 affidavit, per class	\$
6208/7208			\$200	\$15 affidavit, per class	\$
6201/7201			\$400	Application for renewal, per class	\$
6403/7403			\$100	Ex parte appeal, per class	\$
<b>PETITION</b>					
1462			\$400	Petitions to Director (Group I)	\$
1463			\$200	Petitions to Director (Group II)	\$
1464			\$130	Petitions to Director (Group III)	\$
1452	\$500	2452	\$250	Petitions to revive unavoidably abandoned application	\$
1453	\$1500	2453	\$750	Petitions to revive unintentionally abandoned application	\$
<b>PATENT MAINTENANCE</b>					
1551	\$900	2551	\$450	Due at 3.5 years	\$
1552	\$2300	2552	\$1150	Due at 7.5 years	\$
1553	\$3800	2553	\$1900	Due at 11.5 years	\$
Other Fee (specify) _____					\$
Other Fee (specify) _____					\$
Other Fee (specify) _____					\$

**SUBTOTAL: RIGHT COLUMN \$ 180.00**

## SUBMITTED BY

## Complete (if applicable)

Typed or Printed Name	Robert E. Bushnell, Esq.		Reg. Number	27,774	
Signature		Date	20 March 2007	Deposit Account User ID	

REB/nm

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.